

Hwee Shan WONG

Software Engineer
Edinburgh

Hi, my name is Hwee and currently a software engineer in Natwest Group. I am passionate about developing tools and products to boost engineering experience. I have experience in delivering microservices using the twelve-factor app methodology, designing event-driven architecture and implementing infrastructure solutions and services.

Grew up trilingual (English, Mandarin, Malay).

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 HweeWong

Experience

Software Engineer, Enterprise Engineering

Natwest Group, Edinburgh

since April 2018

[{ "item": "• Automated the process of onboarding users to CI/CD tools and technologies which reduced lead time from 48 hours to 5 mins." }, { "item": "• Delivered Spring Boot Java microservices in event-driven architecture and have deep understanding of the system design." }, { "item": "• Actively involved in decision making of system design and architecture improvements by collaborating closely with customers/SMEs." }, { "item": "• Cultivated behaviour-driven and test-driven development within the team which enhanced system reliability and team's DevOps metrics. Software development cycle time KPI reduced by 50%." }, { "item": "• Presented proof of concepts for various authentication/authorisation modules for tools which drove infrastructure and tooling improvements." }, { "item": "• Mentored junior engineers and continuously building best practices within the team such as codifying workflow using plantUML." }]

Technology Service Analyst

Natwest Group, Edinburgh

Sep 2017 – Apr 2018

[{ "item": "• Responsible for migrating server data from bespoke tools to standardised ServiceNow Configuration Management Database for better consolidation of enterprise data." }, { "item": "• Automated data gathering and validation process for the migration work to ensure data quality was high and consistent." }, { "item": "• Drove the implementation of agile ways of working in my team through creation of manageable goals and Sprint boards." }]

Chemical Engineer

Merck, Sharp & Dohme (MSD), Newcastle

Aug 2015 – Sep 2016

[{ "item": "• Supported technical operations in solid-dose tablet production facility and operated within GMP standards." }, { "item": "• Solved process deviations and problems by identifying root causes using Lean Six Sigma methodologies." }]

Education

MEng Chemical Engineering with Industrial Experience,

University of Manchester

Sep 2013 – Jun 2017

First Class Honors

A Levels, Taylor's College

Jan 2012 – Jun 2013

4A* in Chemistry, Biology, Physics, Mathematics

Skills